

## WHAT IS CLAIMED IS

1           1.       A wedge base track lamp holder assembly comprising:  
2           a base including a first channel having an opening at one end of the base, a second  
3           channel extending away from the first channel and having an opening at an end opposite the  
4           first channel, and an adaptor portion extending from the base and enclosing at least a part of  
5           the second channel;  
6           at least one conductive contact member insertable within the first channel and the  
7           second channel; and  
8           a retention piece insertable within the second channel and configured to retain the  
9           conductive contact member within the first channel and the second channel.

1           2.       The wedge base track lamp holder of claim 1 wherein the first channel  
2           includes at least one conductor slot running along at least a part of the length of the first  
3           channel, the conductive contact member includes a first portion and a second portion  
4           extending from the first portion, and the first portion of the conductive contact member fits  
5           within the conductor slot and the second portion fits within the second channel.

1           3.       The wedge base track lamp holder of claim 2 wherein the conductor slot  
2           includes an upper wall and a lower wall, the conductive contact member includes at least one  
3           upper contact and at least one lower contact, and when the first portion of the conductive  
4           contact member is positioned within the conductor slot, the upper contact is adjacent to the  
5           upper wall and the lower contact is adjacent to the lower wall.

1           4.       The wedge base track lamp holder of claim 2 wherein the second channel  
2           includes at least one second conductor slot running along at least a part of the length of the  
3           second channel and the second portion of the conductive contact member fits within the  
4           second conductor slot.

5. The wedge base track lamp holder of claim 4 wherein the retention piece retains the second portion of the conductive contact member within the second conductor slot in the second channel.

6. The wedge base track lamp holder of claim 4 wherein the second conductor slot in the second channel comprises a back wall and two side walls and the adaptor portion has a wider opening at the second conductor slot than at a region of the adaptor portion adjacent to the second conductor slot and the retention piece includes a wider portion configured to fit within the second conductor slot and a narrower portion configured to fit within the region of the adaptor portion adjacent to the second conductor slot.

7. The wedge base track lamp holder of claim 4 further comprising a retention piece slot in the second channel and a protrusion extending from the retention piece and configured to fit within the retention piece slot when the retention piece is inserted into the second channel.

8. The wedge base track lamp holder of claim 7 wherein the insertion of the protrusion into the retention piece slot restricts lateral movement of the retention piece.

9. The wedge base track lamp holder of claim 1 wherein the adaptor portion includes at least one adaptor slot running in a direction that is generally perpendicular to the second channel and the retention piece includes at least one protrusion that is configured to fit within the adaptor slot.

10. The wedge base track lamp holder of claim 9 wherein the adaptor slot is defined by a generally horizontal upper wall and an angled lower wall, and the protrusion on the retention piece has an opposite shape of the adaptor slot, whereby the protrusion slides into the adaptor slot in one direction but is prevented from being pulled out in the other direction.

1            11.     The wedge base track lamp holder of claim 1 wherein the base includes a base  
2 slot in a lower surface of the first channel and the retention piece includes an extension  
3 extending from a lower surface of the retention piece and being configured to fit within the  
4 base slot in the lower surface when the retention piece is inserted into the second channel,  
5 whereby the insertion of the extension into the base slot restricts lateral movement of the  
6 retention piece.

1            12.     The wedge base track lamp holder of claim 1 further comprising at least one  
2 reflector including an aperture,  
3 wherein the retention piece includes at least one arm extending from the retention  
4 piece in a first direction and a tab extending from the arm in a second direction, and when the  
5 retention piece is inserted in the second channel, the tab is inserted into the aperture in the  
6 reflector to retain the reflector to the base.

1            13.     The wedge base track lamp holder of claim 12 further comprising a second  
2 reflector including an aperture,  
3 wherein the retention piece includes a second arm extending from the retention piece  
4 in a first direction and a tab extending from the second arm in a second direction, and when  
5 the retention piece is inserted in the second channel, the tab is inserted into the aperture in the  
6 second reflector to retain the second reflector to the base.

1            14.     The wedge base track lamp holder of claim 13 wherein the first channel in the  
2 base has openings at both ends of the base.

1            15.     The wedge base track lamp holder of claim 1 wherein the adaptor portion  
2 includes a pair of wings configured to be mated to a track lighting network.

1            16.     The wedge base track lamp holder of claim 9 wherein the adaptor portion  
2 includes an outward extension and the adaptor slot further extends along the outward  
3 extension.

1 17. The wedge base track lamp holder of claim 1 wherein the lamp holder is  
2 configured to hold one lamp.

1 18. The wedge base track lamp holder of claim 1 wherein the lamp holder is  
2 configured to hold two lamps.

1 19. A method of forming a wedge base track lamp holder, the method comprising:  
2 providing a base including a first channel having an opening at one end of the base, a  
3 second channel extending away from the first channel and having an opening at an end  
4 opposite the first channel, and an adaptor portion extending from the base and enclosing at  
5 least a part of the second channel;  
6 providing at least one conductive contact member insertable within the first channel  
7 and the second channel;  
8 providing a retention piece insertable within the second channel and configured to  
9 retain the conductive contact member within the first channel and the second channel;  
10 inserting the conductive contact member within the first channel and the second  
11 channel; and  
12 inserting the retention piece within the second channel to retain the conductive  
13 contact member to the base.

1 20. The method of claim 19 wherein the first channel includes at least one  
2 conductor slot running along at least a part of the length of the first channel and the  
3 conductive contact member includes a first portion and a second portion extending from the  
4 first portion, and inserting the conductive contact member comprises inserting the first  
5 portion of the conductive contact member within the conductor slot and the second portion  
6 within the second channel.

1 21. The method of claim 19 wherein the second channel includes at least one  
2 second conductor slot running along at least a part of the length of the second channel and  
3 inserting the conductive contact member comprises inserting the second portion of the  
4 conductive contact member within the second conductor slot.

1           22.     The method of claim 19 wherein the adaptor portion includes at least one  
2 retention piece slot running in a direction that is generally perpendicular to the second  
3 channel and the retention piece includes at least one protrusion that is configured to fit within  
4 the retention piece slot and inserting the retention piece within the second channel includes  
5 inserting the protrusion into the retention piece slot.

1           23.     The method of claim 22 wherein the retention piece slot is defined by a  
2 generally horizontal upper wall and an angled lower wall, and the protrusion on the retention  
3 piece has an opposite shape of the retention piece slot, and inserting the retention piece in the  
4 second channel includes sliding the protrusion into the retention piece slot in one direction  
5 such that the protrusion rest against the upper wall but is prevented from being pulled out in  
6 the opposite direction.

1           24.     The method of claim 19 wherein the base includes a base slot in a lower  
2 surface of the first channel and the retention piece includes an extension extending from a  
3 lower surface of the retention piece and inserting the retention piece in the second channel  
4 further comprises inserting the extension into the base slot.

1           25.     The method of claim 19 further comprising:  
2 providing at least one reflector including an aperture; and  
3 retaining the reflector to the base, wherein the retention piece includes at least one  
4 arm extending from the retention piece in a first direction and a tab extending from the arm  
5 in a second direction, and inserting the retention piece into the second channel includes  
6 inserting the tab into the aperture in the reflector to retain the reflector to the base.

1           26.     The method of claim 19 further comprising inserting a lamp into the base and  
2 the conductive contact member.